

Amendments to the Claims:

1. – 17. (Cancelled)

18. (Currently Amended) ~~Method~~ A method ~~to use a conjugate described in claim~~
~~1 of targeting a radionuclide to a malignant cell within a subject, wherein said malignant~~
~~to target cells expressing the~~ cell expresses a tumor associated antigen and expresses
~~folate binding protein by means of injection or infusion into mammals including human~~
~~subjects for the purpose of imaging the receptor containing cells (tissues), said method~~
comprising (i) coupling an antibody, antibody fragment, or antibody construct having
affinity for said tumor associated antigen to at least one non-cytotoxic folate to form a
dual binding conjugate, (ii) coupling said radionuclide to said dual binding conjugate, and
(iii) administering said radionuclide coupled to said dual binding conjugate to said
subject.

19. – 24. (Cancelled)

25. (New) The method of claim 18 wherein said antibody is a human antibody.

26. (New) The method of claim 18 wherein said antibody is a human IgG or IgM
monoclonal antibody.

27. (New) The method of claim 18 wherein said dual binding conjugate comprises multiple non-cytotoxic folates.

28. (New) The method of claim 18 wherein said non-cytotoxic folate is folic acid.

29. (New) The method of claim 18 wherein the step of coupling said antibody to said at least one non-cytotoxic folate is carried out by means of an activated ester.

30. (New) The method of claim 18 wherein said malignant cell is derived from brain, cervical, ovarian, or breast tissue.

31. (New) A conjugate consisting of (i) a radionuclide, (ii) an antibody, antibody fragment, or antibody construct, with affinity for a tumor associated antigen, and (iii) at least one non-cytotoxic folate.

32. (New) The conjugate of claim 31 wherein said antibody is a human antibody.

33. (New) The conjugate of claim 31 wherein said antibody is a human IgG or IgM monoclonal antibody.

34. (New) The conjugate of claim 31 wherein said conjugate comprises multiple non-cytotoxic folates.

35. (New) The conjugate of claim 31 wherein said non-cytotoxic folate is folic acid.